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Special Issue for Journal of Advances in Information Fusion

Evaluation of Uncertainty in Information Fusion Systems

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Summary:
One of the main goals of information fusion is uncertainty reduction, which is dependent on the representation chosen. Uncertainty representation differs across the various levels of Information Fusion (as defined by the JDL/DFIG models). Given the advances in information fusion systems, there is a need to determine how to adequately represent and evaluate uncertainty across the different levels of situational (level 2 fusion), impact (level 3 fusion), process and user refinement (levels 4 and 5 fusion), together with some standardization in that respect.
This special issue will focus on the advances and developments in the area of evaluation of uncertainty representation. Submissions are expected to cover studies related to criteria definitions, or methods for assessing uncertainty handling approaches, and should extend the scope and results of the special sessions promoted by the ISIF's ETUR working group (http://eturwg.c4i.gmu.edu) every year since Fusion 2011.

Initial Submission Deadline:
February 20, 2018

Submission Details:
For manuscript preparation for publication in JAIF, authors should refer to the associated webpage at http://isif.org/manuscript-preparation-publication-jaif. Submissions are performed thorugh the JAIF submission page at https://jaif.msubmit.net/cgi-bin/main.plex During the submission of the paper please clearly indicate that the submitted paper is targeted to this special issue.

Deadline for paper submission: **February 20, 2018**